



Atty. Dkt. No. 040679-1315

AF/3748  
61**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Takao KAWASAKI et al.

Title: INTERNAL EGR QUANTITY ESTIMATION, CYLINDER INTAKE  
AIR QUANTITY CALCULATION, VALVE TIMING CONTROL,  
AND IGNITION TIMING CONTROL

Appl. No.: 09/912,388

Filing Date: July 26, 2001

Examiner: J. Corrigan

Art Unit: 3748

**REPLY TRANSMITTAL****RECEIVED**

JUN 22 2004

TECHNOLOGY CENTER R3700

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.
- ☐ Assertion of Small Entity status is enclosed.
- ☒ The fee required for additional claims is calculated below:

|  | Claims<br>As<br>Amended |   | Previously<br>Paid For |   | Extra Claims<br>Present |   | Rate    |          | Additional<br>Claims Fee |
|--|-------------------------|---|------------------------|---|-------------------------|---|---------|----------|--------------------------|
| Total Claims:  | 36                      | - | 49                     | = | 0                       | x | \$18.00 | =        | \$0.00                   |
| Independent<br>Claims:                               | 7                       | - | 7                      | = | 0                       | x | \$86.00 | =        | \$0.00                   |
| First presentation of any Multiple Dependent Claims: |                         |   |                        |   |                         |   | +       | \$290.00 | = \$0.00                 |
| CLAIMS FEE TOTAL                                     |                         |   |                        |   |                         |   |         | =        | \$0.00                   |

- ☒ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

|   |   |            |          |
|---|---|------------|----------|
| <input type="checkbox"/>                    | Extension for response filed within the first month:  | \$110.00   | \$0.00   |
| <input checked="" type="checkbox"/>         | Extension for response filed within the second month: | \$420.00   | \$420.00 |
| <input type="checkbox"/>                    | Extension for response filed within the third month:  | \$950.00   | \$0.00   |
| <input type="checkbox"/>                    | Extension for response filed within the fourth month: | \$1,480.00 | \$0.00   |
| <input type="checkbox"/>                    | Extension for response filed within the fifth month:  | \$2,010.00 | \$0.00   |
| EXTENSION FEE TOTAL:                        |   |            | \$420.00 |
| <input type="checkbox"/>                    | Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):     | \$110.00   | \$0.00   |
| CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL: |   |            | \$420.00 |
| <input type="checkbox"/>                    | Small Entity Fees Apply (subtract ½ of above):        |            | \$0.00   |
| TOTAL FEE:                                  |   |            | \$420.00 |

☐ Please charge Deposit Account No. 19-0741 in the amount of \$0.00. A duplicate copy of this transmittal is enclosed.

☒ A check in the amount of \$424.00 is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date June 15, 2004

By Thomas G. Bilodeau

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**REPLY UNDER 37 CFR 1.116**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Final Office Action dated January 15, 2004, concerning the above-referenced patent application.

Applicant has enclosed with this amendment a Petition for Extension of Time to make this response timely.

**A Listing of the Claims** is reflected on page 2 of this document.

**Remarks/Arguments** begin on page 10 of this document.